

Governor's Commission on  
Economic Development & Job Creation



# **FINAL REPORT: ENERGY SUBGROUP**

**THURSDAY, SEPTEMBER 30, 2010  
RICHMOND, VIRGINIA**

# Virginia Energy Plan



- ✓ Goal # 1: Make Virginia the Energy Capital of the East Coast
  - ✓ Grow both traditional and alternative energy production, jobs and investment in Virginia.
  - ✓ Increase the use of conservation and efficiency in Virginia's homes & businesses, and establishment and expansion of energy efficiency businesses.
- ✓ Goal #2: Expand public education around Virginia's energy production and consumption, its effect on our economy and how Virginians can use energy more efficiently.
- ✓ Goal # 3: Maximize the investment in clean energy research and development through the work of the Universities Clean Energy Development and Economic Stimulus Foundation



The Energy Subgroup identified short-term, mid-term and long-term energy job-related sectors as the areas of potential job creation opportunities aligned with the Virginia Energy Plan:

- **Short-term (1-2 years):** conservation, biomass and infrastructure (pipelines and transmission);
- **Mid-term (3-5 years):** nuclear sector and uranium mining (if approved); and
- **Long-term (5 years +):** offshore wind and offshore oil and natural gas.



- Existing programs are in place related to conservation and energy efficiencies (Goal #1 & #2)
  - We need an effective methodology to implement these programs in order to create jobs in short term.
- The armed forces are working toward a goal of producing 25 % of energy needs from renewable sources by 2025. The military presence in Virginia is a prospect to leverage the military's goal and provide the infrastructure/manufacturing for this renewable energy portfolio. (Goal #1)



- The Environmental Protection Agency (EPA) regulations are limiting the ability of companies to gain permits effect their ability to mine coal.
  - Support coal industry in limiting the impact on EPA Regulations and preventing loss of coal energy jobs
- The federal government will be a driver in a number of areas and the Commonwealth needs to formulate a policy to address these concerns.



- There are two ongoing studies on uranium mining in the Commonwealth - the studies should be completed in short order. (Goal #1)
- The Commonwealth should monitor the National Academy of Science findings – keeping in mind the benefits to the Commonwealth: (Goal #1 & #3)
  - What can we do to help facilitate job growth?
  - What can we do to help areas with existing nuclear facilities and companies?



## Energy R&D/Higher Education: (Goal #3)

- The five energy centers being brought online by the Virginia Tobacco Commission are an opportunity to create a synergy.
- Increase energy entrepreneurship and put Virginia on the map as an innovative technology economy.
- Implement an emerging technologies fund to provide strategic and flexible incentive opportunities as it relates to quickly evolving technologies.
- Support universities efforts seeking offshore wind development grants.